

**WHAT IS CLAIMED IS:**

1. A method for the production of B-cells, comprising:
  - a) immunizing an H2-O<sup>-/-</sup> mouse with a sufficient amount of an antigen to  
5 produce an immune response; and
  - b) collecting B-cells from said immunized mouse.
  
2. A method for the production of antibodies, comprising:
  - a) immunizing an H2-O<sup>-/-</sup> mouse with a sufficient amount of an antigen to  
10 cause antibody production; and
  - b) collecting antibodies from said immunized mouse.